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## anti-ATG9A antibody (AA 301-400)

**Images** 



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Quantity:	100 μL	
Target:	ATG9A	
Binding Specificity:	AA 301-400	
Reactivity:	Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ATG9A antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

## **Product Details**

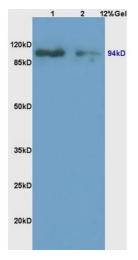
Immunogen:	KLH conjugated synthetic peptide derived from human ATG9A	
Isotype:	IgG	
Cross-Reactivity:	Rat	
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Rabbit	
Purification:	Purified by Protein A.	

## Target Details

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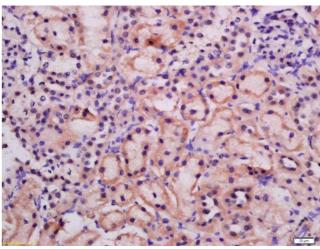
### **Target Details**

Altornativa	ATCOA (ATCOA Draducto)	
Alternative Name:	ATG9A (ATG9A Products)	
Background:	Synonyms: mATG9, APG9L1, MGD3208, Autophagy-related protein 9A, APG9-like 1, ATG9A	
	Background: Involved in autophagy and cytoplasm to vacuole transport (Cvt) vesicle formation	
	Plays a key role in the organization of the preautophagosomal structure/phagophore assembly	
	site (PAS), the nucleating site for formation of the sequestering vesicle. Cycles between a juxta	
	nuclear trans-Golgi network compartment and late endosomes. Nutrient starvation induces	
	accumulation on autophagosomes. Starvation-dependent trafficking requires ULK1, ATG13 and	
	SUPT20H.	
Gene ID:	79065	
UniProt:	Q7Z3C6	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	
Expiry Date:	12 months	



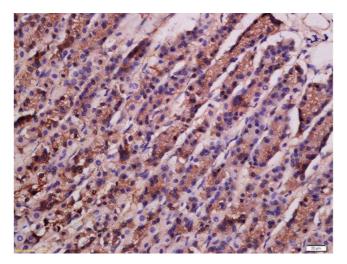
#### **SDS-PAGE**

**Image 1.** Lane 1: rat brain lysates Lane 2: rat kidney lysates probed with Anti ATG9A Polyclonal Antibody, Unconjugated (ABIN752488) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 94kD. Observed band size:94kD.



#### **Immunofluorescence (Cultured Cells)**

**Image 2.** Formalin-fixed and paraffin embedded rat kidney labeled with Rabbit Anti-ATG9A Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** Formalin-fixed and paraffin embedded rat stomach labeled with Rabbit Anti-ATG9A Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining